

```

1  ctcgacccac gcgctccgcgc gccccaggag ccaaagccgg gctccaagtc ggcgcccccac
61  gtcgaggctc cgccgcagcc tccggagttg gccgcagaca agaaggggag ggagcgggag
121 agggaggaga gctccgaagc gagaggggccg agcgccatgc gccgcgccag cagagactac
181 accaagtacc tgcgtggctc ggaggagatg ggcggcggcc ccggagcccc gcacgagggc
241 cccctgcacg ccccgccgcc gcctgcgcgc caccagcccc ccgcgcctc ccgctccatg
301 ttcgtggccc tcctggggct ggggctgggc caggttgtct gcagcgtcgc cctgttcttc
361 tatttcagag cgagatgga tcctaataga atatcagaag atggcactca ctgcatttat
421 agaattttga gactccatga aaatgcagat tttcaagaca caactctgga gagtcaagat
481 acaaaattaa tacctgattc atgtaggaga attaaacagg cttttcaagg agctgtgcaa
541 aaggaattac aacatatcgt tggatcacag cacatcagag cagagaaaagc gatggtggat
601 ggctcatggt tagatctggc caagaggagc aagcttgaag ctcagccttt tgctcatctc
661 actattaatg ccaccgacat cccatctggt tcccataaag tgagtctgtc ctcttggtac
721 catgatcggg gttgggcaa gatctccaac atgactttta gcaatggaaa actaatagtt
781 aatcaggatg gcttttatta cctgtatgcc aacatttgct ttcgacatca tgaaacttca
841 ggagacctag ctacagagta tcttcaacta atggtgtacg tcaactaaaac cagcatcaaa
901 atcccaagtt ctcataccct gatgaaagga ggaagcacca agtattggtc aggggaattct
961 gaattccatt tttattccat aaacgttggt ggatttttta agttacggtc tggagaggaa
1021 atcagcatcg aggtctccaa cccctcctta ctggatccgg atcaggatgc aacatacttt
1081 ggggctttta aagttcgaga tatagattga gccccagttt ttggagtgtt atgtatttcc
1141 tggatgtttg gaaacatttt ttaaaacaag ccaagaaaaga tgtatatagg tgtgtgagac
1201 tactaagagg catggcccca acggtacacg actcagtatc catgctcttg acctgtaga
1261 gaacacgcgt atttacagcc agtgggagat gttagactca tgggtgtgta cacaatggtt
1321 tttaaatttt gtaatgaatt cctagaatta aaccagattg gagcaattac ggggttgacct
1381 tatgagaaac tgcattgtgg ctatgggagg ggttggtccc tggatcatgtg ccccttcgca
1441 gctgaagtgg agagggtgtc atctagcgca attgaaggat catctgaagg ggcaaattct
1501 tttgaattgt tacatcatgc tggaaacctgc aaaaaatact ttttctaatt aggagagaaa
1561 atatatgtat ttttatataa tatctaaagt tatatttcag atgtaatgtt ttctttgcaa
1621 agtattgtaa attatatttg tgctatagta tttgattcaa aatattttaa aatgtcttgc
1681 tgttgacata tttaatgttt taaatgtaca gacatattta actggtgcac tttgtaaatt
1741 ccctggggaa aacttgacgc taaggagggg aaaaaaatgt tgtttcctaa tatcaaagtc
1801 agtatatttc ttcgttcttt ttaagttaat agattttttc agacttgtca agcctgtgca
1861 aaaaaattaa aatggatgcc ttgaataata agcaggatgt tggccaccag gtgcctttca
1921 aatttagaaa ctaattgact ttagaaagct gacattgcca aaaaggatac ataatgggcc
1981 actgaaatct gtcaagagta gttatataat tgttgaacag gtgtttttcc acaagtgccg
2041 caaattgtac cttttttttt ttttcaaaat agaaaagtta ttagtggttt atcagcaaaa
2101 aagtccaatt ttaatttagt aaatgttatc ttatactgta caataaaaaa attgcctttg
2161 aatgttaatt ttttggtaaa aaaataaatt tatatgaaaa cctgaaaaaa aaaacaaaaa
2221 aaaaaa (SEQ ID NO:1)

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FIG. 1

1 MDPNRISEDGTHCIYRILRLHENADFQDTTLESQDTKLIPDSCRRIKQAFQGAVQKELQHIVGSQHIRAE
71 KAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSHKVSLSWYHRCWAKISNMTFSNGKLIVNQDGF
141 YYLYANICFRHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKL
211 RSGEEISIEVSNPSLLDPDQDATYFGAFKVRDID (SEQ ID NO:2)

FIG. 2

1 ctctntgtgnt cngggcgccct ggcctattga aggttttttaa tcttcagagt ttcgacttta
61 tcaacaacac ttagaagcca ccaaagaatt gcagatggat cctaatagaa tatcagaaga
121 tggcactcac tgcatttata gaatttttgag actccatgaa aatgcagatt ttcaagacac
181 aactctggag agtcaagata caaaattaat acctgattca tgtaggagaa ttaaacaggc
241 ctttcaagga gctgtgcaaa aggaattaca acatatcggt ggatcacagc acatcagagc
301 agagaaagcg atggtggatg gctcatgggt agatctggcc aagaggagca agcttgaagc
361 tcagcctttt gctcatctca ctattaatgc caccgacatc ccactctggtt cccataaaagt
421 gagtctgtcc tcttggtagc atgatcgggg ttggggccaag atctccaaca tgacttttag
481 caatggaaaa ctaatagtta atcaggatgg cttttattac ctgtatgcc aacatttgctt
541 tcgacatcat gaaacttcag gagacctagc tacagagtat cttcaactaa tgggtgtacgt
601 cactaaaacc agcatcaaaa tcccaagttc tcataacctg atgaaaggag gaagcaccaa
661 gtatttgtca gggaattctg aattccattt ttattccata aacgttgggtg gatttttttaa
721 gttacggtct ggagaggaaa tcagcatcga ggtctccaac cctccttac tggatccgga
781 tcaggatgca acatactttg gggcttttaa agttcgagat atagattgag cccagtttt
841 tggagtgtta tgtatttcct ggatgtttgg aaacattttt taaaacaagc caagaaagat
901 gtatataggt gtgtgagact actaagaggc atggcccaa cggtagacga ctcagtatcc
961 atgctcttga cctttagtag aacacgcgta tttacagcca gtgggagatg ttagactcat
1021 ggtgtgttac acaatggttt taaatttttg taatgaattc ctagaattaa accagattgg
1081 agcaattacg ggttgacctt atgagaaact gcatgtgggc tatgggaggg gttggtccct
1141 ggtcatgtgc cccttcgcag ctgaagtga gaggggtgtca tctagcgcaa ttgaaggatc
1201 atctgaaggg gcaaattctt ttgaattgtt acatcatgct ggaacctgca aaaaatactt
1261 tttctaataa ggagagaaaa tatatgtatt tttatataat atctaaagtt atatttcaga
1321 tgtaatgttt tctttgcaaa gtattgtaaa ttatatattgt gctatagtat ttgattcaaa
1381 atatttaaaa atgtcttgct gttgacatat ttaatgtttt aaatgtacag acatatttaa
1441 ctggtgcact ttgtaaattc cctggggaaa acttgagct aaggaggga aaaaaatgtt
1501 gtttccta atcaaatgca gtatatattt togttctttt taagttaata gattttttca
1561 gacttgtcaa gcctgtgcaa aaaaattaaa atggatgcct tgaataataa gcaggatgtt
1621 ggccaccagg tgcctttcaa atttagaaac taattgactt tagaaagctg acattgccaa
1681 aaaggataca taatgggcca ctgaaatctg tcaagagtag ttatataatt gttgaacagg
1741 tgtttttcca caagtgccg aaattgtacc tttttttttt tttcaaaata gaaaagttat
1801 tagtggttta tcagcaaaaa agtccaattt taatttagta aatgttatct tatactgtac
1861 aataaaaaa ttgcctttga atgttaattt tttggtacaa aaataaattt atatgaaaac
1921 ctgaaaaaaaa aaacaaaaaa aaaaa (SEQ ID NO:9)

FIG. 3

1 MDPNRISEDGTHCIYRILRLHENADFQDTTLESQDTKLIPDSCRRIKQAFQGAVQKELQHIVGSQHIRAE
71 KAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSHKVSLSWYHARGWAKISNMTFSNGKLIVNQDGF
141 YYLYANICFRHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKL
211 RSGEEISIEVSNPSLLDPDQDATYFGAFKVRDID (SEQ ID NO:10)

FIG. 4

1 ccgctgagggc cgcggcgccc gccagcctgt cccgcgccat ggccccgcgc gcccgggcggc
61 gccgcccgtt gttcgcgctg ctgctgctct gcgcgctgct cgcgggctg caggtggctt
121 tgcagatcgc tctccatgt accagtgaaga agcattatga gcattctggga cgggtgctgta
181 acaaatgtga accaggaaaag tacatgtctt ctaaatgcac tactacctct gacagtgtat
241 gtctgccctg tggcccgat gaatacttgg atagctggaa tgaagaagat aaatgcttgc
301 tgcataaagt ttgtgataca ggcaaggccc tgggtggcgt ggtcgccggc aacagcacga
361 cccccggcg ctgcgcgtgc acggctgggt accactggag ccaggactgc gagtgtgcc
421 gccgcaacac cgagtgcgcg ccgggctgg gcgcccagca cccgttgag ctcaacaagg
481 acacagtgtg caaaccttgc cttgcaggct acttctctga tgccttttcc tccacggaca
541 aatgcagacc ctggaccaac tgtaccttcc ttggaaagag agtagaacat catgggacag
601 agaaatccga tgcggtttgc agttcttctc tgccagctag aaaaccacca aatgaacccc
661 atgtttactt gcccggttta ataattctgc ttctcttgc gtctgtggcc ctggtggctg
721 ccatcatctt tggcggttgc tataggaaaa aagggaagc actcacagct aatttgtggc
781 actggatcaa tgaggcttgt ggccgctaa gtggagataa ggagtcctca ggtgacagtt
841 gtgtcagtac acacacggca aactttggtc agcaggagc atgtgaaggt gtcttactgc
901 tgactctgga ggagaagaca tttccagaag atatgtgcta cccagatcaa ggtggtgtct
961 gtcagggcac gtgtgttaga ggtggtccct acgcacaagg cgaagatgcc aggatgtctt
1021 cattggtcag caagaccgag atagaggaa acagcttcag acagatgccc acagaagatg
1081 aatacatgga caggccctcc cagcccacag accagttact gttcctcact gagcctggaa
1141 gcaaatccac acctccttcc tctgaacccc tggaggtggg ggagaatgac agtttaagcc
1201 agtgcctcac ggggacacag agcacagtgg gttcagaaag ctgcaactgc actgagcccc
1261 tgtgcaggac tgattggact cccatgtcct ctgaaaacta cttgcaaaaa gaggtggaca
1321 gtggccattg ccgcactgg gcagcagcc ccagcccaa ctgggcagat gtctgcacag
1381 gctgcgggaa cctcctggg gaggactgtg aacccctcgt gggttcccca aaactgtgag
1441 ccttgcccca gtgcgcctat ggcatgggccc tccccctga agaagaagcc agcaggcagg
1501 aggccagaga ccagcccag gatggggctg atgggaggct cccaagctca gcgaggcag
1561 gtgcggggtc tggaagctcc cctggtggcc agtcccctgc atctggaaat gtgactggaa
1621 acagtaactc cacgttcac tccagcgggc aggtgatgaa cttcaagggc gacatcatcg
1681 tgggtctacgt cagccagacc tcgcaggagg gcgcggcggc ggctgcggag cccatgggccc
1741 gcccggtgca ggaggagacc ctggcgcgcc gagactcctt cgcggggaac ggcccgct
1801 tcccggaccc gtgcggcgcc cccgaggggc tgcgggagcc ggagaaggcc tcgaggccgg
1861 tgcaggagca aggcggggcc aaggcttgag cgcgcccat ggctgggagc ccgaagctcg
1921 gagccagggc tcgcgagggc agcaccgcag cctctgcccc agccccggcc acccagggat
1981 cgatcggtac agtcgaggaa gaccacccgg cattctctgc ccactttgcc ttcaggaaa
2041 tgggcttttc aggaagtga ttgatgagga ctgtcccat gccacaggat gctcagcagc
2101 ccgcccact ggggcagat tctcccctgc cactcctcaa actcgcagca gtaatttgtg
2161 gcactatgac agctattttt atgactatcc tgttctgtgg ggggggggtc tatgttttcc
2221 ccccatattt gtattccttt tcataacttt tcttataatc tttcctcctt cttttttaat
2281 gtaaagggtt tctcaaaaat tctcctaaag gtgagggctt ctttcttttc tttttcctt
2341 ttttttttct ttttttgga acctggctct ggcagggt agagtgcagt ggtgcgatta
2401 tagcccggtg cagcctctaa ctctgggct caagcaatcc aagtatcct cccacctcaa
2461 ccttcggagt agctgggac acagctgcag gccacgccc gcttctctcc cccactccc
2521 cccccccaga gacacgtcc caccatgtta cccagcctgg tctcaaacct cccagctaaa
2581 gcagtcctcc agcctcgcc tcccaaagta ctgggattac aggcgtgagc cccacgctg
2641 gcctgcttta cgtattttct tttgtgcccc tgcacacagt gttttagaga tggctttccc
2701 agtgtgtgtt cattgtaaac acttttggga aagggtctaa catgtgaggc ctggagatag
2761 ttgctaagtt gctaggaaca tgtggtggga ctttcatatt ctgaaaaatg ttctatattc
2821 tcatttttct aaaagaaaga aaaaaggaaa cccgatttat ttctcctgaa tctttttaag
2881 tttgtgtcgt tccttaagca gaactaagct cagtatgtga ccttaccgac taggtggtta
2941 atttatccat gctggcagag gcactcaggt acttggttaag caaatttcta aaactccaag
3001 ttgctgcagc ttggcattct tcttattcta gaggtctctc tggaaaagat ggagaaaatg
3061 aacaggacat ggggtcctg gaaagaaagg gcccggaag ttcaaggaag aataaagttg
3121 aaatttttaa aaaaaa (SEQ ID NO:11)

FIG. 5

1 MAPRARRRRPLFALLLLCALLARLQVALQIAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTTSDSVCLP
71 CGPDEYLDWNEEDKCLLHKVCDTGKALVAVVAGNSTTPRRCACTAGYHWSQDCECCRRNTECAPGLGAQ
141 HPLQLNKDTVCKPCLAGYFSDAFSSTDKCRPWTNCTFLGKRVEHHGTEKSDAVCSSSLPARKPPNEPHVY
211 LPGLIILLFFASVALVAIIIFGVCIYRKKGKALTANLWHWINEACGRLSGDKESSGDSCVSTHTANFGQQG
281 ACEGVLLLLTLEEKTFPEDMCYPDQGGVCQGTGCVGGGPYAQGEDARMLSLVSKTEIEEDSFRQMPTEDEYM
351 DRPSQPTDQLLFLTEPGSKSTPPFSEPLEVGENDSLSQCFGTGTQSTVGSESCNCTEPLCRTDWTMSEN
421 YLQKEVDSGHCPHWAASPSPNWADVCTGCRNPPGEDCEPLVGSPKRGPLPQAYGMGLPPEEEASRTEAR
491 DQPEDGADGRLPSSARAGAGSGSSPGGQSPASGNVTGNSNSTFISSQVMNFKGDIIVVYVSQTSQEGAA
561 AAAEPMGRPVQEETLARRDSFAGNGPRFPDPCGGPEGLREPEKASRPVQEQGGA (SEQ ID NO:12)

FIG. 6

1 cgcgagctgg ggcttggcct gcgggcgggc agcgaagggtg gcgaaggctc ccactggatc
61 cagagtttgc cgtccaagca gcctcgtctc ggcgcgaggt gtctgtgtcc gtcctctacc
121 agcgcccttg ctgagcggag tcgtgcggtt ggtgggggag ccctgcctc ctgggtcggc
181 cccccgcgc actagaacga gcaagtgata atcaagttac tatgagtctg ctaaactgtg
241 aaaacagctg tggatccagc cagtctgaaa gtgactgctg tgtggccatg gccagctcct
301 gtagcgctgt aacaaaagat gatagtgtgg gtggaactgc cagcacgggg aacctctcca
361 gctcatttat ggaggagatc cagggatatg atgtagagtt tgaccacccc ctggaaagca
421 agtatgaatg ccccatctgc ttgatggcat tacgagaagc agtgcaaacy ccatgcgggc
481 ataggttctg caaagcctgc atcataaaat caataaggga tgcaggtcac aaatgtccag
541 ttgacaatga aatactgctg gaaaatcaac tatttccaga caattttgca aaacgtgaga
601 ttctttctct gatggtgaaa tgtccaaatg aaggttgttt gcacaagatg gaactgagac
661 atcttgagga tcatcaagca cattgtgagt ttgctcttat ggattgtccc caatgccagc
721 gtcccttcca aaaattccat attaatattc acattctgaa ggattgtcca aggagacagg
781 tttcttgtga caactgtgct gcatcaatgg catttgaaga taaagagatc catgaccaga
841 actgtccttt ggcaaagtgc atctgtgaat actgcaatac tatactcatc agagaacaga
901 tgcctaatac ttatgatcta gactgcccta cagccccaat tccatgcaca ttcagtactt
961 ttggttgcca tgaaaagatg cagaggaatc acttggcacg ccacctacaa gagaacaccc
1021 agtcacacat gagaatgttg gccaggctg ttcatagttt gagcggtata cccgactctg
1081 ggtatatctc agaggtccgg aatttccagg aaactattca ccagttagag ggtcgcttg
1141 taagacaaga ccatcaaatc cgggagctga ctgctaaaat ggaaactcag agtatgtatg
1201 taagtgaagt caaacgaacc attcgaaccc ttgaggacaa agttgtgaa atcgaagcac
1261 agcagtgcaa tggaaatttat atttggaaga ttggcaactt tggaaatgct
1321 aagaagagga gaaacctgtt gtgattcata gccctggatt ctacactggc aaaccgggt
1381 acaaactgtg catgcgcttg caccttcagt taccgaotgc tcagcgctgt gcaaactata
1441 tatccctttt tgtccacaca atgcaaggag aatatgacag ccacctccct tggcccttcc
1501 aggttacaat acgccttaca attcttgatc agtctgaagc acctgtaagg caaaaccacg
1561 aagagataat ggatgccaaa ccagagctgc ttgctttcca gcgaccaca atcccacgga
1621 acccaaaagg ttttggtat gtaactttta tgcactctga agccctaaga caaagaactt
1681 tcattaagga tgacacatta ttagtgcgct gtgaggtctc caccgcgtt gacatgggta
1741 gccttcggag ggagggtttt cagccacgaa gtactgatgc aggggtatag cttgccctca
1801 cttgctcaaa aacaactacc tggagaaaac agtgcccttc cttgccctgt tctcaataac
1861 atgcaaacia acaagccacg ggaaatatgt aatatctact agtgagtgtt gttagagagg
1921 tcacttacta tttcttctctg ttacaaatga tctgaggcag ttttttctg ggaatccaca
1981 cgttccatgc tttttcagaa atgttaggcc tgaagtgcct gtggcatgtt gcagcagcta
2041 ttttgccagt tagtatacct ctttggtgta ctttcttggg cttttgctct ggtgtatatt
2101 attgtcagaa agtccagact caagagtact aaacttttaa taataatgga ttttcttaa
2161 aacttcagtc tttttgtagt attatatgta atatattaaa agtgaaaatc actaccgctc
2221 tg (SEQ ID NO:13)

FIG. 7

1 MSLNCNSCGSSQSESDCCVAMASSCSAVTKDDSVGGTASTGNLSSSFMEEIQGYDVEFDPPLESKYEC
71 PICLMALREAVQTPCGHRFCACIIKSIRDAGHKCPVDNEILLENQLFPDNFAKREILSLMVKCPNEGCL
141 HKMELRHLEDHQAHCEFALMDCPQCQRPFQKFHINIHLKDCPRRQVSCDNCAASMAFEDKEIHDQNCPL
211 ANVICEYCNILIREQMPNHYDLDCPTAPIPCTFSTFGCHEKMQRNHLARHLQENTQSHMRMLAQAVHSL
281 SVIPDSGYISEVRNFQETIHQLEGRQVLRQDHQIRELTAKMETQSMYVSELKRTIRTLEDKVAEIEAQQCN
351 GIYIWKIGNFGMHLKCQEEKPVVIHSPGFYTGKPGYKLCMRLHLQLPTAQRCANYISLFVHTMQGEYDS
421 HLPWPFQGTIRLTILDQSEAPVRQNHEEIMDAKPELLAFQRPTIPRNPKGFGYVTFMHLEALRQRTFIKD
491 DTLVLRCEVSTRFDMGSLRREGFQPRSTDAGV (SEQ ID NO:14)

FIG. 8

Human	-----
Mouse	CCCACGTCCCGGGGAGCCACTGCCAGGACCTTTGTGAACCGGTCGGGGCG
Human	-----CGCCGCAGCCTCCGGAGTTGGCCGCAGACAAGAAGGGGAGGGA
Mouse	GGGGCCGTGGCGGAGTCTGCTCGGCGGTGGGTGGCCCGAGAAGGGAGAGA * * * * * * * * * * * * * *
Human	GCGGGAGAGGGAGGAGAGCTCCGAAGCGAGAGGGCCGAGCGCCATGCGCC
Mouse	ACGATCGCGGAGCAGGGCGCCCGAACTCCGGGCGCC--GCGCCATGCGCC * * * * * * * * * * * * * *
Human	GCGCCAGCAGAGACTACACCAAGTACCTGCGTGGCTCGGAGGAGATGGGC
Mouse	GGGCCAGCCGAGACTACGGCAAGTACCTGCGCAGCTCGGAAGAGATGGGC * * * * * * * * * * * * * *
Human	GGCGGCCCCGGAGCCCCGCACGAGGGCCCCCTGCACGCCCCGCGCC---
Mouse	AGCGGCCCCGGCGTCCACACGAAGGTCCGCTGCACCCGCGCCTTCTGC * * * * * * * * * * * * * *
Human	GCCTGCGCCGCACCAGCCCCCGCCGCTCCCGCTCCATGTTCTGGCCC
Mouse	ACCGGCTCCGCGCGCCGCCACCCGCGCCTCCCGCTCCATGTTCTGGCCC * * * * * * * * * * * * * *
Human	TCCTGGGGCTGGGGCTGGGCCAGGTTGTCTGCAGCGTCGCCCTGTTCTTC
Mouse	TCCTGGGGCTGGGACTGGGCCAGGTGGTCTGCAGCATCGCTCTGTTCTGC * * * * * * * * * * * * * *
Human	TATTTTCAGAGCGCAGATGGATCCTAATAGAATATCAGAAGATGGCACTCA
Mouse	TACTTTTCGAGCGCAGATGGATCCTAACAGAATATCAGAAGACAGCACTCA * * * * * * * * * * * * * *
Human	CTGCATTTATAGAATTTTGAGACTCCATGAAAATGCAGATTTTCAAGACA
Mouse	CTGCTTTTATAGAATCCTGAGACTCCATGAAAACGCAGGTTTGCAGGACT * * * * * * * * * * * * * *
Human	CAACTCTGGAGAGTCAAGATACAAAATTAATACCTGATTCATGTAGGAGA
Mouse	CGACTCTGGAGAGTGAAGACACAC-----TACCTGACTCCTGCAGGAGG * * * * * * * * * * * * * *
Human	ATTAAACAGGCCTTTCAAGGAGCTGTGCAAAAGGAATTACAACATATCGT
Mouse	ATGAAACAAGCCTTTCAGGGGGCCGTGCAGAAGGAAGTGAACACATTGT * * * * * * * * * * * * * *
Human	TGGATCACAGCACATCAGAGCAGAGAAAGCGATGGTGGATGGCTCATGGT
Mouse	GGGGCCACAGCGCTTCTCAGGAGCTCCAGCTATGATGGAAGGCTCATGGT * * * * * * * * * * * * * *
Human	TAGATCTGGCCAAGAGGAGCAAGCTTGAAGCTCAGCCTTTTGCTCATCTC
Mouse	TGGATGTGGCCAGCGAGGCAAGCCTGAGGCCAGCCATTTGCACACCTC * * * * * * * * * * * * * *
Human	ACTATTAATGCCACCGACATCCCATCTGGTTCCCATAAAGTGAGTCTGTC
Mouse	ACCATCAATGCTGCCAGCATCCCATCGGGTCCCATAAAGTCACTCTGTC * * * * * * * * * * * * * *

FIG. 9A

Human	CTCTTGGTACCATGATCGGGGTGGGCCAAGATCTCCAACATGACTTTTA
Mouse	CTCTTGGTACCACGATCGAGGCTGGGCCAAGATCTCTAACATGACGTTAA ***** ** *
Human	GCAATGGAAAATAATAGTTAATCAGGATGGCTTTTATTACCTGTATGCC
Mouse	GCAACGGAAAATAAGGGTTAACCAAGATGGCTTCTATTACCTGTACGCC **** ***** ** *
Human	AACATTTGCTTTCGACATCATGAAACTTCAGGAGACCTAGCTACAGAGTA
Mouse	AACATTTGCTTTCGGCATCATGAAACATCGGGAAGCGTACCTACAGACTA ***** ***** ** * ** *
Human	TCTTCAACTAATGGTGACGTCACTAAAACCAGCATCAAATCCCAAGTT
Mouse	TCTTCAGCTGATGGTGATGTCGTTAAAACCAGCATCAAATCCCAAGTT ***** ** ***** *
Human	CTCATACCCTGATGAAAGGAGGAAGCACCAAGTATTGGTCAGGGAATTCT
Mouse	CTCATAACCTGATGAAAGGAGGGAGCACGAAAACTGGTCGGGCAATTCT ***** ***** ** * ***** *
Human	GAATTCATTTTTATTCCATAAACGTTGGTGGATTTTTTAAGTTACGGTC
Mouse	GAATTCACCTTTTATTCCATAAATGTTGGGGGATTTTTCAAGCTCCGAGC ***** ***** ***** * ** *
Human	TGGAGAGGAAATCAGCATCGAGGTCTCCAACCCCTCCTTACTGGATCCGG
Mouse	TGGTGAAGAAATTAGCATTCAGGTGTCCAACCCCTCCCTGCTGGATCCGG *** ** ***** ***** * ***** *
Human	ATCAGGATGCAACATACTTTGGGGCTTTTAAAGTTCGAGATATAGATTGA
Mouse	ATCAAGATGCGACGTACTTTGGGGCTTTCAAAGTTCAGGACATAGACTGA **** ***** ** ***** ** *
Human	GCCCCAGTTTTTGAGTGTTA---TGTATTTCTGGATGTTTGGAACAT
Mouse	GACTCATTTTCGTGGAACATTAGCATGGATGTCCTAGATGTTTGGAACAT * * * * * * * * * * *
Human	TTTTTAAACAAGCCAAGAAAGATGTATATAGGTGTGTGAGACTACTAAG
Mouse	CTTAAAAAAT-----GGA-TGATGTCTATACATGTGTAAGACTACTAAG ** **** ** ***** *
Human	AGGCATGGCCCCAACGGTACACGACTCAGTATCCATGCTCTTGA-CCTTG
Mouse	AGACATGGCCCCACGGTGTATGAAACTCACAGCCCTCTCTCTTGAGCCCTG ** ***** *** ***** ** ***** *
Human	TAGAGAACACGCGTATTTACAGCCAGTGGGAGATGTTAGACTCATGGTGT
Mouse	TACAGGTTGTGTATATGTAAAGTCCATAGGTGATGTTAGATTCTATGGTG- ** * * * * * * * * * *
Human	GTTACACAATGGTTTTTAAATTTTGTAATGAATTCCTAGAATTAAACCAG
Mouse	ATTACACAACGGTTTTTACAATTTTGTAATGATTCCTAGAATTGAACCAG ***** ***** ***** *
Human	ATTGGAGCAATTACGGGTTGAC-CTTATGAGAACT-GCATGTGGGCTAT
Mouse	ATTGGGAGAGGTAT--TCCGATGCTTATGAAAACTTACACGTGAGCTAT ***** * ** ** ***** ** *

FIG. 9B

Human	GGGAGGGG-----TTGGTCCCTGGTCATGTGCCCCCTTCGC
Mouse	GGAAGGGGGTCACAGTCTCTGGTCTAACCCCTGGACATGTGCCACTGAGA
	<div style="display: flex; justify-content: space-between;"> ** ***** * ***** ***** ** * </div>
Human	AGCT-GAAGTGGAGAGGGTGTCTCT-AGCGCAATTGAAGGATCATCTGA
Mouse	ACCTTGAAATTAAGAGGATGCCATGTCATTGCATAGAAATGATAGTGTGA
	<div style="display: flex; justify-content: space-between;"> * ** *** * ***** ** * * * * * * * * * * * * * * * </div>
Human	AGGGGCAAATTCCTTTGAATTGTTACATCATGCTGGAACCTGCAAAAAA-
Mouse	AGGGTTAAGTTCTTTGAATTGTTACATTGCGCTGGGACCTGCAATAAG
	<div style="display: flex; justify-content: space-between;"> **** * ** ***** ***** ***** ** </div>
Human	--TACTTTTTCTAATGAGGAGAGAAAATATATGTATTTTTATATAATATC
Mouse	TTCTTTTTTCTAATGAGGAGA-AAAATATATGTATTTTTATATAATGTC
	<div style="display: flex; justify-content: space-between;"> ***** ***** ***** ***** * </div>
Human	TAAAGTTATATTTTCAGATGTAATGTTTCTTTGCAAAGTATTGTAAATTA
Mouse	TAAAGTTATATTTTCAGGTGTAATGTTTCTGTGCAAAGTTTGTAAATTA
	<div style="display: flex; justify-content: space-between;"> ***** ***** ***** ***** ***** </div>
Human	TATTTGTGCTATAGTATTTGATTCAAAATATTTAAAAATGTCTTGCTGTT
Mouse	TATTTGTGCTATAGTATTTGATTCAAAATATTTAAAAATGTCTCACTGTT
	<div style="display: flex; justify-content: space-between;"> ***** ***** ***** </div>
Human	GACATATTTAATGTTTTAAATGTACAGACATATTTAACTGGTGCACCTTG
Mouse	GACATATTTAATGTTTTAAATGTACAGATGTATTTAACTGGTGCACCTTG
	<div style="display: flex; justify-content: space-between;"> ***** ***** ***** ***** </div>
Human	TAAATTCCTTGGGGAAACTTGCAGCTAAGGAGGGGAAAAAATGTTGTT
Mouse	TAATTCCTTGAAGGTA-CTCGTAGCTAAGGGGGC--AGAA--TACTGTT
	<div style="display: flex; justify-content: space-between;"> *** * ***** * * * * * ***** ** * * * * * </div>
Human	TCCTAATATCAAATGCAGTATATTTCTTCGTTCTTTTAAAGTTAATAGAT
Mouse	TCTGGTGACCACATGTAGTTTATTTCTTTATTCTTTTAACTTAATAGAG
	<div style="display: flex; justify-content: space-between;"> ** * ** *** * * * * * * * * * * * * * * * </div>
Human	TTTTTCAGACTTGTCAAGCCTGTGCAA-----AAAATTAA
Mouse	TCTT-CAGACTTGTCAAACTATGCAAGCAAAATAAATAAATAAAATAA
	<div style="display: flex; justify-content: space-between;"> * ** ***** ** ***** ***** ** </div>
Human	AATGGATGCCTTGAATAATAAGCAGGATGTTGGCCACCAGGTGCCTTTCA
Mouse	AATGAATACCTTGAATAATAAGTAGGATGTTGGTCACCAGGTGCCTTTCA
	<div style="display: flex; justify-content: space-between;"> **** * ** ***** ***** ***** ***** </div>
Human	AATTTAGAACTAATTGACTTTAGAAAGCTGACATTGCCAAAAGGATAC
Mouse	AATTTAGAAGCTAATTGACTTTAGGA-GCTGACATAGCCAAAAGGA-AC
	<div style="display: flex; justify-content: space-between;"> ***** ***** ***** * ***** ***** ** </div>
Human	ATAATGGGCCACTGAAATCTGTCAAGAGTAGTTATATAATTGTTGAACAG
Mouse	ATAATAGGCTACTGAAATCTGTCAAGAGTAGTTATGCAATTATTGAACAG
	<div style="display: flex; justify-content: space-between;"> ***** * ** ***** ***** ***** ***** </div>

FIG. 9C

Human	GTGT--TTTTCCACAAGTGCCGCAAATGTACCTTTT----TTTTTTTTT
Mouse	GTGTCTTTTTTTTACAAGAGCTACAAATGTAAATTTTGGTTTCTTTTTTT
	***** ***** ***** * ***** ***** * *****
Human	CAAAATAGAAAAGTTATTAGTGGTTTATCAGCAAAAAAG--TCCAATTT
Mouse	TCCCATAGAAAATGTACTA-TAGTTTATCAGCCAAAAACAATCCACTTT
	***** * * * ***** ***** ***** *
Human	T-AATTTAGTAAATGTTATCTTAT---ACTGTACAATAAAAACATTGCCT
Mouse	TTAATTTAGTGAAAGTTATTTTATTATACTGTACAATAAAAGCATTGTCT
	* ***** * ***** ***** ***** ***** *
Human	TTGAATGTTAATTTTTTGGTACAAAA-TAAATTTATATGAAAACCTGAA
Mouse	CTGAATGTTAATTTTTTGGTACAAAAATAAATTTGTACGAAAA---AA
	***** ***** ***** * ***** *
Human	AAAAAAAAACAAAAAAAAAAAA (SEQ ID NO:1)
Mouse	AAAAAAAAAAAAAAAAAAAAA- (SEQ ID NO:15)
	***** *****

FIG. 9D

human	MRRASRDYTKYLRGSEEMGGGPGAPHEGPLH-APPPPAPHQPPAASRSMF
mouse	MRRASRDYGKYLRSSSEEMGSGPGVPHEGPLHPAPSAPAPAPPPAASRSMF
	***** .*****.*****.*****.*****.*****.*****.*****
human	VALLGLGLGQVVCVALFFYFRAQMDPNRISEDGTHCIYRILRLHENADF
mouse	LALLGLGLGQVVCIALFLYFRAQMDPNRISEDSTHCFYRILRLHENAGL
	:*****:***:*****.***:*****.:
human	QDTTLESQDTKLIPDSCRRIKQAFQGA VQKELQHIVGSQH IRAEKAMVDG
mouse	QDSTLESEDT--LPDSCRRMKQAFQGA VQKELQHIVGPQRFS GAPAMMEG
	:*:*:* :***:*****.***: . **:*:
human	SWLDLAKRSKLEAQPF AHLTINATDIPSGSHK VSLSSWYH DRGWAKISNM
mouse	SWLDVAQRGKPEAQPF AHLTINAASIPSGSHK VTLSSWYH DRGWAKISNM
	:*:*.* **:*****:*****
human	TFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLMVYVTKTSIKI
mouse	TLNNGKL RVNQDGFYYLYANICFRHHETSGSVPTDYLQLMVYVVKTSIKI
	*:***** *****:*.*:*****.*****
human	PSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSSL
mouse	PSSHNL MKGGSTKNWSGNSEFHFYSINVGGFFKL RAGEEISIQVSNPSSL
	.** *****:*****:*****
human	DPDQDATYFGAFKVRDID (SEQ ID NO:2)
mouse	DPDQDATYFGAFKVQDID (SEQ ID NO:16)
	*****:***

FIG. 10

KLEAQPFAHLTINATDIPSGSHKVSLSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHETSGDLA
E R L IL E
TEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEESISIEVSNPSLLDPDQDAT
S I I T R E
YFGAFKVRDID (SEQ ID NO:8)

FIG. 11